

A METHOD AND SYSTEM FOR A SECURE HIGH BANDWIDTH BUS IN
A TRANSCEIVER DEVICE

ABSTRACT OF THE DISCLOSURE

5 A transceiver system for receiving content contained in a secure digital broadcast signal. The transceiver system includes a first component for generating a data stream from a received digital broadcast signal. A first encryption unit is coupled to the first component. The first encryption unit is configured to encrypt the data stream generated from the digital broadcast
10 signal, resulting in encrypted data stream. Transceiver system includes a second component for generating a video signal for a monitor to view that content contained in digital broadcast signal. A second encryption unit is coupled to the second component for decrypting the encrypted data stream received from the first component. A bus is coupled to the first encryption unit
15 and second encryption unit. A third component is coupled to the bus for arbitration of the bus to coordinate the transmission of the encrypted data stream from the first encryption unit to the second encryption unit such that content from the data stream is securely transferred from the first component to second component. In so doing, the security of the content of the digital
20 broadcast signal is maintained as the resulting data stream is processed by the first component and second component.